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Tera Lewandowski
Director of Agricultural Markets

2025 Global and US Biochar Market Survey

Building off 2023's dataset, the 2025 industry survey aims to provide material for free-access reports released in 2026 that will:

- Benchmark market performance, including global and regional production, economic value, and growth potential

- Identify key obstacles and opportunities in different segments of the biochar sector
- Characterize biochar-based products based on end user needs, costs, benefits, and competition

This survey is intended for the entire biochar ecosystem — biochar producers, end-users, equipment manufacturers, products companies, and service providers — and the reports will only be as complete as the data we receive.

That's where you come in! Once you fill out the survey, we encourage you to share it with your connections in the biochar ecosystem.



Take the Survey Now

- Respondents will also be entered into a prize draw:
 - One \$250 USD digital gift card (via Giffbit)
 - One Professional Membership with IBI
 - *Exclusive for North American Biochar Conference (NABC) 2025 attendees: Finish the survey for a chance to win an all-day pass to NABC 2026.*

Winners to be announced in November.

Growing With Biochar A Training Event for California Agriculture

Registration Now Open

Our new training program is your one-stop-shop for understanding biochar's role in regenerative practices, how to source and apply it, and how to help farmers access federal and state cost-share programs.

Join our upcoming events in California this December and stay tuned for the future sessions in 2026 — we're bringing the program to locations across the US.

These free, full-day trainings are designed for agricultural professionals who are interested in supporting farmers to effectively incorporate biochar into farming practices, but are unsure of where and how to start. In our California sessions, participants will gain practical knowledge, proven tools, and peer connections to support biochar adoption across California's diverse cropping systems.

Registration is required and seats are limited.

Growing With Biochar in Sacramento

- December 8, 2025 | 8 a.m. to 5 p.m. | [Full Agenda](#)
- UC Sacramento, Sacramento, CA



Growing With Biochar in Parlier

- December 10, 2025 | 8 a.m. to 5 p.m. | [Full Agenda](#)
- Kearney Agricultural Research and Extension Center, Parlier, CA

For more information, please contact Tera Lewandowski at tera@biochar-us.org

□ USBI is hiring □

Standards Development Manager

[information pending]

Conference Event Manager

We're seeking an experienced conference event manager to lead the planning and execution of the North American Biochar Conference (NABC).

This is an incredible opportunity for a dynamic, self-motivated professional who thrives in fast-paced, entrepreneurial environments and wants to help shape the future of the biochar industry.

- Full time
- Remote (USA-based)
- 1099 Contractor

□ This new team member will oversee all operational aspects of the conference — from venue and vendor coordination to sponsorships, marketing, registration, and on-site management. You will work closely with USBI's leadership team to deliver a seamless, impactful event that drives the biochar industry forward.

If you have experience managing large conferences or trade shows and are ready to take on a role that blends logistics, leadership, and innovation – we would love to hear from you.

Email jobs@biochar-us.org to apply.



New Biochar Testing Standard Published by ASABE and USBI

USBI and American Society of Agricultural and Biological Engineers (ASABE) have published ANSI/ASABE/USBI S668, Methods for Measurement and Testing of Biochar.

This is a comprehensive new standard that defines recommended testing methods for biochar materials. The standard identifies a universal set of core properties and provides guidance for adapting existing test methods specifically for biochar.

S668 offers the consistent, science-based framework needed to support reliable data, market transparency, and quality assurance. These are key components for scaling biochar use across agriculture, construction, carbon removal, and environmental restoration.

USBI has ensured that this standard is available for free for the next three years.

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\$40 Million Biochar Facility Coming to Arkansas

Arkansas is in the biochar spotlight this month. A \$40 million biochar facility is under construction and set to open in early 2026.

“Two longtime friends have partnered to produce ag biochar using rice hulls to serve Arkansas farmers.”

The project, led by [Cold Steppe](#), was founded by longtime friends and Navy veterans Kevin Crow and Matt Freniere. Their facility will produce agricultural biochar for regional farms, creating a local, circular model that keeps value within the community, reduces transportation costs, and strengthens the state's agricultural carbon footprint.



“When a farmer sees the process, there's a light bulb moment where they think, ‘Oh yeah, that came off my field, and it's coming back to my field. I want those nutrients. I want that carbon back in my soil,’” said Freniere.

Cold Steppe's project demonstrates a strong example of how biochar can drive both

Read the full article

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Connect and collaborate at in-person or online events!

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Advanced Carbons - Opportunities for Biochar Producers: This webinar, hosted jointly by the Advanced Carbons Council and the US Biochar Initiative, will explore opportunities for biochar material producers to identify and access value added markets for engineered and advanced carbons.
Virtual

December 3 | 10:00 am - 11:30 am ET

Holy Sh*t: Building the Circular Bionutrient Economy with Biochar: In this webinar, Dr. Johannes Lehmann dives into how biochar technology can how biochar technology can underpin the circular bionutrient economy as a valuable resource for soil, crops, and the climate.
Virtual

December 8 | 8:00 am - 5:00 pm

Growing With Biochar in Sacramento: USBI's training program — a one-stop-shop for understanding biochar's role in regenerative practices, how to source and apply it, and how to help farmers access federal and state cost-share programs.
UC Sacramento, Sacramento, CA

December 10 | 8:00 am - 5:00 pm

Growing With Biochar in Parlier: USBI's training program — a one-stop-shop for understanding biochar's role in regenerative practices, how to source and apply it, and how to help farmers access federal and state cost-share programs.
Kearney Agricultural Research and Extension Center, Parlier, CA

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Biochar Takes Center Stage in New SC Renewable Diesel Facility

Carolina Renewable Products (CRP) has announced plans to build a renewable diesel and biochar plant that will redefine how waste, fuel, and energy interact.

93% Of The 2025 Biochar Supply Is Already Contracted, Says New Supercritical Analysis

An analysis released by Supercritical reveals that 93% of the industrial biochar supply for 2025 has already been locked up in contracts.

Biochar company aims to help farmers access conservation

Cold Steppe, the Arkansas-based biochar company is working to make trying sustainable practices more affordable through a cost-matching program and increased accessibility.

Opinion: Every Mile a Carbon Sink: Rebuilding Trust in Carbon Credits through Biochar Asphalt

Jack Wong, CEO Verde Resources Inc. shares an opinion piece on biochar in asphalt.

Biochar made from wood hits steel-level strength in sustainable materials feat

Biochar from wood reaches steel-like strength, revealing how natural structure can guide next-gen carbon materials.

Engineered Biochar Emerges as Sustainable Tool for Wastewater Pollution

Engineered biochar is gaining attention as a clean, cost-effective solution to address one of the most complex environmental challenges: simultaneously removing heavy metals and organic pollutants from wastewater.

Stay connected!

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USBI thanks the USDA Forest Service, Wood Innovations Program for continued partnership for its activities and publications. USDA is an equal opportunity provider, employer, and lender.

USBI is supported in part by The United States Endowment for Forestry and Communities, Inc. The Endowment is a not-for-profit corporation that works collaboratively with partners in the public and private sectors to advance systemic, transformative, and sustainable change for the health and vitality of the nation's working forests and forest-reliant communities.



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