Table Top Discussion 1

What is Needed to Produce Biochar to Specification?

Not all biochar is created equal. We still have progress to make before biochar can be used in specifications for a construction project. This table will discuss what barriers remain to using biochar in projects more commonly and what can be done to advance this concept to reap the environmental health benefits.

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Green

1. How do we mitigate costs, and who is paying

2. Adequate education and outreach

3. Availability of application equipment; life cycle

4. How to target end uses and have appropriate parameters/testing

Green

1. What is the real outcome when using different feedstocks in the same process

2. More research toward understanding feedstock requirements before the process begins

3. Build library of feedstocks that can be used for producing Biochar with known end-use properties. Can we establish purpose-oriented specifications?

4. Need more applied research to understand end-uses + then work backwards to designate clientele + use-cases

1 GREEN

- move away from feedstock/process-based specs, and towards performance/product-based specs "

- Biochar - specific characterization methods and standard reference material

- Specs tied directly to final application and use

bonus

3? - better cost/benefit / triple-bottom line to represent all benefits

1) Identify the top large-scale applications in MN. (Prioritized list)

2) Standards for specifications based on end use.

3) Application-based testing requirements

4) Proactive
   ^ Hazard Identification