

*Climate Change, Food Security & Renewable Energy*

# Combined Heat & Power with Biochar

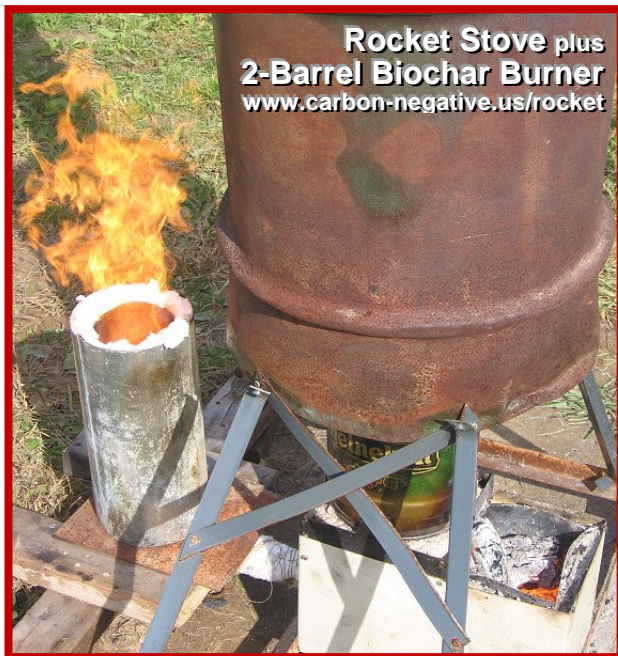
9am – 4pm **Saturday, Nov. 20**  
**Saratoga Apple**

1174 Route 29 west, Schuylerville, NY

Biochar is the key to carbon-negative strategy to sequester carbon, reverse global climate change, create sustainable soil fertility, grow nutrient-dense crops, and produce renewable biofuels.

Farmers and gardeners are key leaders in this effort, since the key action is to add charcoal to soil.

On Northeast farms, a key application of this technology is to heat a greenhouse while producing biochar for soils.



suggested donation:

**\$10**

for information:

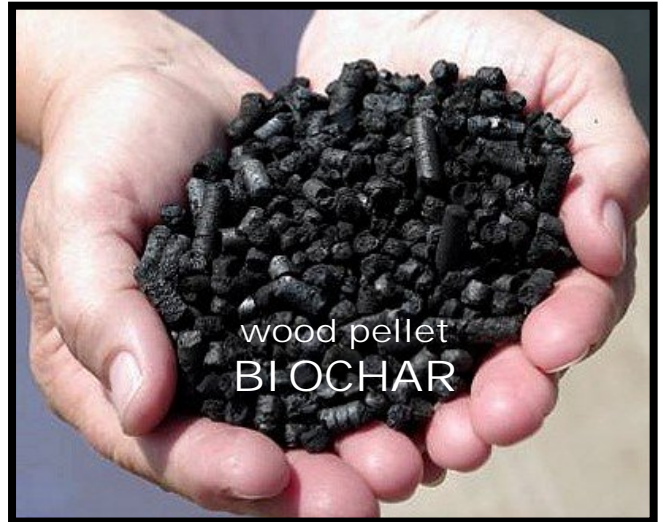
[www.carbon-negative.us/SaratogaApple](http://www.carbon-negative.us/SaratogaApple)

to register:

**David Yarrow**

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**802-778-0663**



## ACTIVITIES

### 9am **Making Biochar**

How to build & operate biochar burners  
**DEMOS: TLUD, Rocket Stove + 2-Barrel Retort**  
(1-gallon, 5-gallon, 30-gallon burners)

[www.carbon-negative.us/hybrid](http://www.carbon-negative.us/hybrid)

### 11am **Renewable Energy**

Combined Heat, Power & Biochar (CHPB):  
how to produce gas & liquid biofuels

[www.carbon-negative.us/RocketRetort](http://www.carbon-negative.us/RocketRetort)

### 1pm **Using Biochar in Soil**

How to prepare biochar to add to soil  
and inoculate with microbiology

[www.carbon-negative.us/trials](http://www.carbon-negative.us/trials)

### 2pm **Designer Roundtable**

Experts discuss ideas to design & build  
a CHPB unit to heat a Saratoga Apple greenhouse

[www.carbon-negative.us/greenhouse](http://www.carbon-negative.us/greenhouse)

