

ASP9 ML24 Capital Eqt Cost Savings



Greening (GRG) ASP9 ML24

- \$ Multiple 'Big Box' > \$\$\$ CharBoss
- Better Features and Local Mfr
- 1 'Big Box' Kiln
- 1 Dedicated Trailer

Matching Funds

- 2 'Big Box' Kilns
- 1 Dedicated Trailer
- 1 Large Skid Steer
- >1:1 Match

Greening's Kiln Fleet

7 Oregon Kilns

- Easiest to Operate
- 100% Other Funds for Purchase



7 Ring-of-Fire (ROF) Kilns

- Bandable around existing piles
- Sectional, adjustable size
- 100% Other Funds for Purchase



ASP Rotary Riverside Park

Biochar Kilns > Open Pile Burns

50-90% Total Carbon



1cy = .7tons of carbon

Created through Pyrolysis

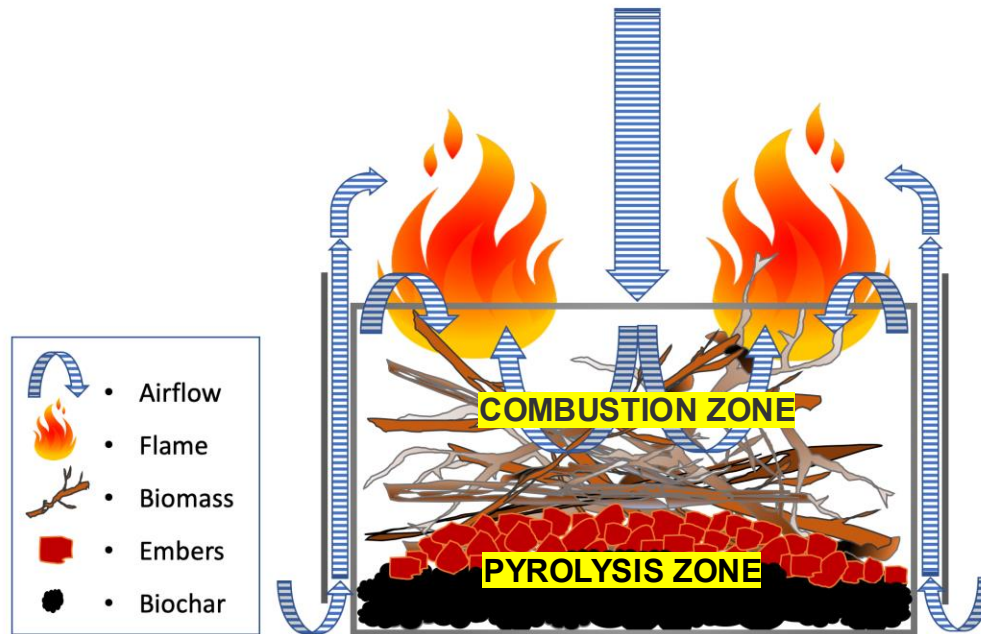


Image: Wilson Biochar

Biochar Produced between 500-800 Celsius (932-1472*F)



Produced below 400 Celsius (750*F)

Timeline

- **9 Charring Projects to Date on OHF Sites/
Robust Leverage (+ 33 non-OHF Charring
Projects to Date)**
- **Leveraged ENRTF, PCA Biochar Funds are
Sunsetting**
- **5 Additional OHF Charring Projects Scheduled
rest of 2026 alone. Multiple Kilns:1 Skid Steer**

Approach

Labor and Proj Mgmt: Greening Staff Contractors Landowners
Successful Charring Operations Require Orientation & Experience
Greening Field Staff is often Less Expensive, More Nimble



GRG+Contractor, Sauk River Watershed



GRG+Contractor ASP Belle Prairie



GRG+Contractor ASP Carlos Avery WMA

Funders for Biochar Initiative



Thank you!

ASP8 ML23 Rare Plant Rescue Program

Goal 1: Rescue rare plants that would otherwise be destroyed

Goal 2: Advance our understanding of rare plant species and their conservation



ASP Rare Plant Rescue Program



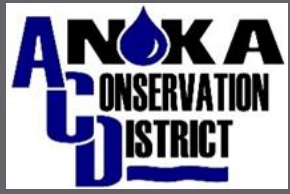
- Coordinate with DNR and Developer: DNR determines an unavoidable impact with development and issues a 'Take' permit.
- Assess "donor" development site to plan for rescue.
- Assess protected "recipient" sites to identify appropriate habitat for rescue plants. Coordinate with landowner/manager. Prepare areas for planting.
- Organize rescue and planting events.
- Coordinate with land managers about management.
- Monitor plants annually.
- Track movement of plants between sites, number of plants and annual monitoring.
- Disseminate data and results to improve rare plant conservation.

ASP Rare Plant Rescue Program

Accomplishments to Date:

- 15 Rescues from upcoming developments, “Donor” sites
- 14 permanently protected “Recipient” sites
- Rescued 22,989 plants + seed
- 13 Species of state endangered, threatened, special concern and watch list vascular plant species
- Identified protected parcels that have suitable habitat for rare plant transplants





Restoration/Enhancement Projects

Ecological Contractors

ACD Field Staff including Winter Crew CCMI graduates



Before



After



Before



After

