Biochar at 5% by Volume in Top 6 Inches
Char has much to offer forest owners:

- Resilience to Climate Change Through:
  - Increased Nutrient Retention
  - Increased Water Retention
  - Increased Biological Activity in Soil

- Partial Off-Set of Management (PCT) Costs

- Fire Hazard Reduction

- Potential Income:
  - Biochar
  - Donate to Agricultural Research
  - Future carbon Market
  - Carbon Sequestration
Char has a Market Value
Cylinders of Various Sizes
Lid Fits Inside Cylinder
First Stage - Volatile Gases Burn
Start Fire against Interior Wall
Create a Draft to get Fire Started
Blue Smoke = Temperature Too Low
White Smoke = Steam, Low Temperature
Brown Smoke = Methane, Temperature Too Low
Adding too much Fuel at Once
Strive for a Clean Burn
Continue Adding Fuel until Cylinder is Full of Char
Remove Large, Unburned Pieces from Top of Cylinder
Prepare Lid and Quenching Water
Quenching
Stop all Steam Leaks
No Oxygen = No Fire
Seal Bottom Edge
Leave Sealed Cylinder for Two Days
Crushed Char
Always Wear a Dust Mask