Coal Basin Restoration Project. **Using livestock as a restoration tool.**

AKA: Cow stomp

Background

In 2012 we initiated a test plot on approximately 1 acre, where after spreading native grass seed, the area was covered with straw and hay and then grazed by cattle intensely for a short duration. The plot is fenced using temporary electric fencing. This technique allows the hoof action of cattle to incorporate organic material and seed into the soil. After treatment, the fence will remain in place to exclude livestock until new grasses become well established, probably one or two grazing seasons.

Monitoring includes vegetative cover, soil nutrients and moisture.

2013 Project Proposal

Add an additional 2 acre plot, incorporating bio char and compost components on one acre. Livestock will be used to incorporate these components into the soil profile.

Needs:

Additional fencing material	**$1200**
Certified hay, straw, and native grass seed:	**$5,000**
Bio char/compost mix for 1 acre	**$15,000**
TOTAL NEED:	**$21,200**