

# White River National Forest Native Plant Program

## 2012 Accomplishments with Fiscal Year 2010 funds

### **Project Goal:**

Develop native plant seed sources from local genetic stock for Sandberg bluegrass, Mountain brome, Blue wildrye and Slender wheatgrass. Utilizing seed from local genetic stock is expected to improve revegetation success for landscape restoration, road decommissioning and burned area recovery.

FY 2010 funds have been focused on seed collection and seed increase for 3 of the 4 target species listed above. Note: Mountain Brome seed is already being increased with NFN3 funds allocated in FY 2009.

### **Seed Collection and Seed Increase:**

In 2010 we partnered with Rocky Mountain Youth Corp to collect Sandberg bluegrass, Slender wheatgrass and Blue wildrye seed then planted it in seed increase plots at the Forest Services' Lucky Peak Nursery (Idaho).

### **Slender wheatgrass:**

- **2010:** A 1.3 acre seed increase plot was planted at Lucky Peak Nursery.
- **2011:** 170 lbs. seed were harvested. Of which 60 lbs. were sent to SW Seed for a 2<sup>nd</sup> seed increase / contract grow using FY11 NFN3 monies.
- **2012:** 275 lbs. seed were harvested. 445 lbs. harvested to date.
- **2013:** Additional yields are anticipated in 2013.

### **Blue wildrye:**

- **2010:** A 0.3 acre seed increase plot was planted at Lucky Peak Nursery.
- **2011:** 36 lbs. seed were harvested. Of which 6 lbs. were planted in a separate 2 acre increase plot at Lucky Peak Nursery with FY11 NFN3.
- **2012:** 23 lbs. seed were harvested. 59 lbs. harvested to date.
- **2013:** Significant additional yields are anticipated in 2013.

### **Sandberg bluegrass:**

- **2010:** A 1.3 acre seed increase plot was planted at Lucky Peak Nursery.
- **2011:** 0 lbs. seed were harvested but excellent year 1<sup>st</sup> establishment.
- **2012:** 9 lbs. seed were harvested. The seed plot & resulting seed was found to be contaminated with an undesirable grass and cannot be used.
- **2013:** The seed plot was abandoned and will not yield seed in 2013.



Small amounts of Blue wildrye, slender wheatgrass and mountain brome seed were planted in this 1 acre field evaluation trial.



Small amounts of blue wildrye, slender wheatgrass and mountain brome seed were planted in this common garden study to evaluate their performance on lands degraded by historic coal mining.

**Year Awarded:** 2010

**Project completion:** 2013

**Report Number:** 3 of 3

### **NFN3 Expenditures:**

NFN3 received \$70,000  
NFN3 obligated \$70,000  
NFN3 spent to date \$58,000  
NFN3 remaining \$12,000

### **FY12 Expenditures:**

\$12,000 (NFN3)

### **Partners/Contractors/Coop:**

Steamboat Springs Community Youth Corp, Rocky Mountain Youth Corp, Lucky Peak Nursery

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