

# White River National Forest Native Plant Program

## 2010 Accomplishments with Fiscal Year 2009 funds

### Project Goal:

Develop native plant material seed sources from local genetic stock, based on White River National Forest seed zones, which specifically meet our needs for the Mountain District Broad Spectrum Upland Seed Mix (Sandberg bluegrass, Mountain brome, Blue wildrye and Slender wheatgrass).

FY 2009 funds were originally focused on seed collection and seed increase for 2 of the 4 target species listed above.

### Seed Collections using FY09 NFN3 funds:

In FY09 \$4,000 funds were spent to collect Mountain Brome and Blue wildrye. Multiple accessions of each species were collected from the White River National Forest. We did not collect enough viable Blue wildrye seed to plant in a seed increase plot.

### Seed Increase using FY09 NFN3 funds

#### Mountain Brome:

In FY09 we spent \$5,000 to prepare and plant a 1 acre seed increase plot of Mountain Brome at the Forest Service's Lucky Peak Nursery (Idaho). The seed was planted in fall of 2009.

In FY10 we spent \$4,000 to maintain and harvest Mountain Brome seed from the one acre seed increase plot which was planted in in the fall of 2009. This plot yielded 15 pounds of Mountain brome seed in 2010. Additional and more significant seed yields are expected in 2011 and 2012. We anticipate 400+ more lbs over the next two years.

#### Blue wildrye:

In FY09 the Blue wildrye seed was cleaned and stored at the Lucky Peak Nursery for future seed increase. Our original plan in FY09 was to plant a ½ acre seed increase plot of Blue wildrye and a ½ acre seed increase plot of Mountain Brome. Instead we planted a full 1 acre plot Mountain brome.



First year seed yield of Mountain brome which was planted at Lucky Peak Nursery in 2009.



One acre Mountain Brome seed increase plot at Lucky Peak Nursery. This photo was taken after the seed was harvested.

**Year Awarded:** 2009

**Project completion:** 2012

**Report number:** 2 of 3

#### **Expenditures:**

- NFN3 received \$21,000
- NFN3 obligated \$21,000
- NFN3 spent to date \$13,000
- FY09 NFN3 remaining \$8,000

#### **FY10 Expenditures:**

\$4,000 (NFN3)

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

Steamboat Springs Community Youth Corp

Lucky Peak Nursery

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