

# Mountain District Broad Spectrum Upland Seed Mix on the Medicine Bow-Routt National Forest

## 2010 Accomplishments

### Project Goal:

Develop native plant material seed sources from local genetic stock, based on Medicine Bow – Routt National Forest seed zones, which specifically meet our needs for the an ecologically appropriate , broad-spectrum, upland seed mix. This mix includes big bluegrass, mountain brome, blue wildrye and slender wheatgrass.

### Seed Collections:

The Steamboat Springs Community Youth Corps and Wildlands Restoration Volunteers collected multiple accessions of mountain brome, western wheatgrass, bluebunch wheatgrass and squirreltail from the Medicine Bow-Routt National Forest. Matt Landis (North Park High School ) coordinated the collection effort. An unusually late spring delayed seed set, and resulted in collection of additional species. Collecting efforts were accomplished through volunteer efforts. Seed collection efforts for this project were completed in FY09.

### Seed Increase:

FY2009 funds were obligated with the Upper Colorado Environmental Plant Center to plant seed increase plots of slender wheatgrass and big bluegrass in 2009. Seed yields for this planting are expected in 2010, 2011, and 2012. Unfortunately, yield data were not available at the time of this report.



Figure 1. Slender wheatgrass in production at the Upper Colorado Environmental Plant Center.



Figure 2. Matt Landis and Wildlands Restoration Volunteers collecting seed.

**Year Awarded:** 2009

**Project completion:** 2011

**Report number:** 2 of 3

**Expenditures:**

- FY09 funds received \$85,000
- FY09 obligated \$85,000

**Partners/Contractors/Coop:**

- Matt Landis (North Park High School)
- Steamboat Springs Community Youth Corps
- Upper Colorado Environmental Plant Center
- Wildland Restoration Volunteers

**Contact Person & phone number:**

- Marti Aitken (970) 723-2700



**Medicine Bow- Routt National Forest &  
Thunder Basin National Grassland**  
2468 Jackson Street  
Laramie, WY 82070