

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

2008 Accomplishments

Project Goal:

Develop native plant material seed sources from local genetic stock, based on Routt National Forest seed zones, which specifically meet our needs for the Mountain District Broad Spectrum Upland Seed Mix (Table 1).

Seed Increase:

Blue Wildrye: 2008 funds were obligated for planting three more seed increase plots in 2009 at the Upper Colorado Environmental Plant Center (UCEPC) to grow out seed collected locally in 2006. UCEPC is already increasing seed we collected from a fourth seed zone in 2006.

Mountain Brome: 2008 funds were obligated for planting three seed increase plots in 2009 at the Lucky Peak Nursery using previously collected local seed. Colorado State University is currently increasing seed we collected from a fourth seed zone.

Seed Collections:

2008 funds were obligated to collect the three species listed below through the Rocky Mountain Youth Corps and Steamboat Springs Community Youth Corps. Multiple accessions of each species were collected from four seed zones. These grasses will be grown out at nurseries for seed increase at a later time.

Slender Wheatgrass

Bluegrass Complex

Showy Oniongrass

Species	Percent of Mix by Weight
Big bluegrass (<i>Poa ampla</i>)	4
Mountain brome (<i>Bromus marginatus</i>)	40
Blue wildrye (<i>Elymus glaucus</i>)	33
Slender wheatgrass (<i>Elymus trachycaulus</i>)	23
Total	100



Figure 1. Steamboat Springs Community Youth Corps collecting mountain brome seed from Seed Zone 221.

Year Awarded: 2008

Project completion: 2011

Report number: 1 of 3

Expenditures:

- FY08 funding \$122,000
- FY08 obligated \$122,000

Partners/Contractors/Coop:

- Rocky Mountain Youth Corps
- Steamboat Springs Community Youth Corps
- Upper Colorado Environmental Plant Center
- Lucky Peak Nursery (USDA Forest Service)

Contact Person & phone number:

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**Medicine Bow-Routt NF and
Thunder Basin NG**
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Table 1. The Mountain District Broad Spectrum Upland Mix