

Malheur National Forest

2009 Native Plant Material Accomplishments

New contracts were awarded and funds obligated to produce:

- 1000 lbs. *Bromus marginatus* (mountain brome)
- 500 lbs. *Poa secunda* (Sandberg's bluegrass)
- 150 lbs. *Achillea millefolium* (common yarrow)
- 300 lbs. *Deschampsia elongata* (slender hairgrass)
- ~10 lbs. *Glyceria striata* (fowl mannagrass)

Excess seed was purchased from 2007-2008 production fields:

- 1,775 lbs. *Bromus marginatus* (mountain brome)
- 1,150 lbs. *Elymus elymoides* (bottlebrush squirreltail)
- 950 lbs. *Elymus glaucus* (blue wildrye)
- 185 lbs. *Poa secunda* (Sandberg's bluegrass)

Over 20 lbs. of seed from 14 populations (>180 acres) of two native grasses was collected, and 8 gallons of seeds and fruits from one hardwood and two sedge species was collected from 6 populations (~12 acres). These will be used for future seed production contracts:

- 19.5 lbs. *Bromus marginatus*, uncleaned
- 2.6 lbs. *Poa secunda*, cleaned/tested
- 1.5 gallons *Carex hoodii* (Hood's sedge), cleaned
- 0.5 gallons *Carex microptera* (small-wing sedge), cleaned
- 6.0 gallons *Sorbus scopulina*, uncleaned

Excess seed ordered in FY2009, in addition to seed produced in previous years, was either set aside for use in revegetation of future projects or was used for current year projects such as:

- Culvert replacements for anadromous fish habitat improvement
- Road decommissioning
- Landings and skid-trails in timber sales
- Fire rehabilitation

Funds were also used for salaries to: locate and map new source populations; test, clean, and store native seeds; develop and administer contracts; begin delineation and digitization of source populations into GIS layers; begin development of a Native Plant Use Manual for Forest personnel; implement revegetation efforts; and attend COR and restoration training workshops.



Figure 1. Technician collecting mountain brome seed heads in large open meadow. Seeds will be used in future seed increase production contracts.

Year Awarded: 2009

Project Completion: 2009

Expenditures: \$ 61,500 Total

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| \$ 16,000 | (NFN3) |
| \$ 12,000 | (CMLG) |
| \$ 9,000 | (NFVW) |
| \$ 8,000 | (CMRD) |
| \$ 7,000 | (NFTM) |
| \$ 5,000 | (NFWF) |
| \$ 4,500 | (WFHF) |

Partners/Contractors/Coop: Benson Farms Inc., Western Reclamation, Natural Resource Conservation Service.

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