

Mt. Hood National Forest

2009 Native Plant Material Accomplishments

This year we ramped up our inventory to proactively meet challenging restoration needs on the horizon. Integration across disciplines made these advancements possible – especially, contributions from engineering program funds.

New contracts were awarded and funds obligated to produce:

- 2,000 lbs. *Bromus carinatus* (California brome)
- 200 lbs. *Festuca idahoensis* (Idaho fescue)
- 100 lbs. *Lupinus latifolius* (broadleaf lupine)
- 100 lbs. *Achillea millefolium* (common yarrow)
- 100 lbs. *Deschampsia elongata* (slender hairgrass)
- 200 lbs. *Lotus unifoliolatus* (Spanish clover)

Excess seed was purchased from 2008-2010 production fields:

- 2,775 lbs. *Elymus glaucus* (blue wildrye)

Foundation seed was purchased for seed increase:

- \$5,000 *Lupinus latifolius* (broadleaf lupine)
- \$5,000 WCF – *Festuca idahoensis* (Idaho fescue), *Deschampsia elongata* (slender hairgrass), *Elymus glaucus* (blue wildrye), and *Achillea millefolium* (common yarrow)

Mass field collections yielded seeds to be directly sown at restoration sites on the eastside slopes of Mt. Hood NF (e.g. Hwy. 35 reconstruction areas, proposed pipeline route, etc.):

8 Wildflower species	35 populations	(> 20 acres)
3 Shrub species	15 populations	(> 5 acres)
2 Sedge species	12 populations	(> 10 acres)
1 Grass species	4 populations	(> 10 acres)

Raw Dry Quantities

- 100 lbs. *Solidago canadensis* (Canada goldenrod)
- 78 lbs. *Anaphalis margaritacea* (pearly everlasting)
- 49 lbs. *Lupinus latifolius* (broadleaf lupine)
- 30 lbs. *Lupinus latifolius* var. *latifolius*
- 17 lbs. *Eucephalus ledophyllus* (Cascade aster)
- 2 lbs. *Penstemon euglaucus* (glaucus beardtongue)
- 6 lbs. *Achnatherum occidentale* (western needlegrass)
- 5.5 lbs. *Carex spectabilis* (showy sedge)
- 1.5 lbs. *Carex illota* (sheep sedge)
- 4 gal. *Sorbus sitchensis* (Sitka mountain ash)

Cleaned Quantities

- 4.7 lbs. *Lotus unifoliolatus* (Spanish clover)
- 4 lbs. *Potentilla gracilis* (sticky cinquefoil)
- 1.5 lbs. *Vaccinium membranaceum* (big huckleberry)
- 0.8 lbs. *Vaccinium alaskense* (Alaska huckleberry)

Funds were also used to clean and store native seed, and for salaries to: collect seed, develop and administer contracts, implement revegetation efforts, and attend COR and restoration training workshops.

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Youth Employment Institute crew collecting broadleaf lupine (*Lupinus latifolius*) seeds near Mount Hood Meadows ski resort. Seeds will help rehabilitate nearby Hwy. 35 reconstruction areas.

2009 Integrated Expenditures

\$35,000	CMLG	Road decommissioning
\$15,000	WFW3	
\$14,000+	NFXF	Roadside reveg: Hwy. 35 enhancement
\$8,000	NFN3	Restoration: Landings, skid trails, fire rehab, post-invasive plant treatment, etc.
\$8,000	WFW3	
\$2,000	NFWF	
\$2,000	NFVW	
\$84,000+ TOTAL		

Partners/Contractors/Coop: Youth Employment Institute, Mt. Hood Meadows Ski Resort, Federal Highway Administration, Benson Farms Inc., Wildlands Inc., Palomar Gas Transmission LLC



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