

Mt. Hood National Forest

2010 Native Plant Material Accomplishments

Integration across multiple disciplines enhances our native plant material program – particularly support from engineering program funds.

New Contract Awarded and Funds Obligated:

Seed increase 2010-2013

2325 lbs. *Elymus glaucus* (blue wildrye)

Excess seed purchased from 2010 production fields

2300 lbs. *Bromus carinatus* (California brome)

1900 lbs. *Deschampsia elongata* (slender hairgrass)

Foundation seed purchased (WFC)

\$3,753 - 13 lbs. *Elymus glaucus* (blue wildrye)

Restoration Project Implementation:

106 miles of decommissioned roads were seeded with *Elymus glaucus*.

Numerous disturbed sites (mostly less than one acre) were seeded with *Elymus glaucus* and/or staked with *Cornus sericeus* (red-osier dogwood) and *Salix* sp. (willow) – including at ski resorts areas, rehabbed unsafe shooting /dumping sites, dispersed campsites, and decommissioned stream crossings.

We **monitored revegetation effectiveness** at over 60 previously decommissioned roads. Treatments were largely successful in establishing native plant cover and precluding invasive weed establishment. This project improves our Forest-wide processes for effective planning-to-implementation-to-monitoring cycles.

Seed Collection:

For direct sowing on restoration sites on the eastside slopes of Mt. Hood (e.g. Hwy. 35 improvement areas, ski areas), raw uncleaned quantities include...

50 lbs. *Solidago canadensis* (Canada goldenrod)

50 lbs. *Anaphalis margaritacea* (pearly everlasting)

8 lbs. *Eucephalus ledophyllus* (Cascade aster)

2 lbs. *Penstemon euglaucus* (glaucus beardtongue)

2 lbs. *Achnatherum occidentale* (western needlegrass)

3 lbs. *Carex spectabilis* (showy sedge)

Funds were also used to clean and store native seed, and for salaries to: collect seed, develop and administer contracts, update native plant material tracking system, and implement revegetation efforts.



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2010 bumper crop of *Deschampsia elongata* (slender hairgrass) growing under seed increase contract.

Year Awarded: 2010

Project completion: 2013

Expenditures: \$52,203 Total

\$ 7,388 (NFN3)

\$ 9,949 (NFWF)

\$24,266 (CMLG)

\$ 3,600 (KV04)

\$ 7,000 (SC06)

Partners/Contractors/Coop: Benson Farms Inc., Federal Highway Administration, Mt. Hood Meadows ski resort, SkiBowl resort, Friends of the Forest, Educational Recreational Adventures, and New Vision School



New Vision School kindergarten planted 100 native shrub cuttings and trees seedlings to rehabilitate an impacted stream bank along Dog River with biologist Stephanie Powers.