

Gifford Pinchot National Forest

2010 Native Plant Material Accomplishments

Funds were obligated to seed production and propagation contracts to produce:

- 2700 lbs *Elymus glaucus* (blue wildrye) seed
- 1200 lbs *Bromus carinatus* (California brome) seed
- 1000 lbs *Deschampsia elongata* (slender hairgrass) seed
- *Festuca idahoensis* (Idaho fescue) seed in the ground

Monitoring of seeding projects to assess effectiveness related to methods of application, erosion control, weed control, and productivity of natives was begun in 2009. Projects monitored included:

- Culvert replacements
- Landings and skid-trails in timber sales
- Fire line rehabilitation, Cold Springs

Funds were also used for salaries to: manage the Forest's seed inventory; locate and map new source populations; test, clean, and store native seeds; develop and administer collection and production contracts; compile collection data into Forest-wide database; and attend COR training.

Restoration at Hemlock Dam Removal Site:

Tree and shrub planting at the Hemlock Dam removal site commenced in the spring of 2010. High density planting was prescribed for the 8-acre site to compensate for potential seedling mortality and to facilitate a significant establishment and coverage of natives before invasives such as reed canary grass, scotchbroom and Canada thistle could gain a strong foothold. Plantings included: 10,000 red alder, 1000 bigleaf maple, 10,000 conifers, and 500 shrubs. The mulching and irrigation, combined with mild spring and summer weather produced a high percentage of seedling survival (90%).



Figure 2. Slender hairgrass occupies much of the Hemlock Dam site ahead the weeds, June 2010

Year Awarded: 2010

Project Completion: 2010

Expenditures: \$ 105,000 Total

\$ 20,000 (NFN3)
\$ 56,000 (NFVW)
\$ 7,000 (CMRD)
\$ 26,000 (NFWF)

Hemlock Project \$131,915 Total
\$10,000 (WFWF)
\$35,150 (NFWF03)
\$13,1420 (NFXF53)
\$55,000 (NFVW03)
\$12,510 (NFXNTC)
\$ 5,835 (CMRD)

Contractors: Benson Farms Inc., Western Reclamation, Minto Island Growers; Dorena Nursery, and J Herbert Stone Nursery

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