

Umpqua National Forest

2011 Native Plant Material Accomplishments



Mimulus

Seed Collection and Propagation

During the 2011 field season wild collections were gathered of multiple wetland *Carex* species, big deer-vetch, Pacific serviceberry, California fescue, whiteleaf lupine, bigleaf avens, Oregon white oak, red columbine, leafy pea, *Iris chrysophylla*, and elegant tarweed.

3000 lbs. of Blue Wild Rye (*Elymus glaucus*) were purchased from Benson Farms.

First-time harvests of pearly everlasting, western yarrow, alaska oniongrass, and Letterman's needlegrass were realized at CDA and JHS nurseries.

Working with the Federal Highways Administration, approximately 2000 seedlings were grown for the North Umpqua Highway Project (thimbleberry, manzanita, chinquapin, mahala mat, and others.

Umpqua Botany personnel continued to partner with the Roseburg Phoenix High School to develop a successful native plant nursery on school grounds.

Restoration Project Implementation

Working with the Federal Highways Administration, Umpqua Forest Botany personnel installed 8 bio-swale features on the North Umpqua Highway project, using gas pumps and fire-hose to irrigate them through the summer.

Working in collaboration with the Umpqua Forest Recreation program, botany personnel planted new facilities at Clearwater Falls with a suite of native trees, shrubs, and forbs.

8 acres of Level1 and 2 system roads were amended with straw or dry cake biosolids, turned with an agricultural disk, and seeded with native grasses and forbs.

Botany personnel continued to develop and provide grass seed blends designed for elk forage to the Diamond Lake RD "Native Grass Forage KV Study"



Figure 1. Restoration planting at Clearwater Falls Day Use Area

Expenditures: \$162,000 Total
\$112,000 (CWKV) \$9,000 (CMRD)
\$26,000 (NFN3) \$15,000 (NFTM)

Partners/Contractors/Cooperators: PacifiCorp, Coeur d'Alene Nursery, JHS Nursery, Benson Farms, Roseburg Phoenix School, Oregon Dept. Of Fish and Wildlife, Federal Highway Administration.



Umpqua National Forest
2900 NW Stewart Parkway
Roseburg, OR 97471-1274

Contact : Eric Baxter 541-498-2531, ext. 388
or Richard Helliwell, 541-957-3337



Figure 2. Jesse mechanically harvesting native grass seed from a "linear meadow" created on a Level-1 system road.