

Deschutes National Forest Native Plant Restoration Program 2011 Accomplishments

The Deschutes National Forest Native Plant Restoration Program continues to focus on developing and planting stock of native grasses, forbs, and shrubs for restoration projects. In addition to the highlights below, funds were used to test/clean/store seeds; develop contracts; provide revegetation consultation; develop project revegetation plans; and develop/track budgets.

Seed and Propagule Propagation:

- Coordinated/developed species selection and grow-out of 63 native plant species for new Deschutes National Forest office landscaping.
- Clearwater Native Plant Nursery and Dorena Genetic Resource Center provided 100's of plants for new Deschutes FS office landscaping.
- Received 1,655 lbs. Idaho fescue seed from Benson Farms from a 2009 task order (604 lbs. per contract plus purchased additional 1,051 lbs. surplus seed).
- Seed propagation contracts were developed to grow 260 lbs. bottlebrush squirreltail, 25 lbs. least lupine, 20 lbs. glaucous penstemon, 20 lbs. sulphur-flowered buckwheat, 8 lbs. Idaho fescue.
- Received 260 lbs. of bottlebrush squirreltail from a 2009 task order with Benson Farms.
- Contracted to grow one acre of yarrow from 1.2 lbs. collected seed.
- Contracted to increase 8 lbs. of Idaho fescue seed.

Seed Collection:

- Small hand collections of 17 shrub and forb species were collected to either hydro seeding or container grow-out to landscape the new Deschutes NF office building and the Skyliner Road Project.
- Collected 5 forbs for native revegetation of Mt. Bachelor Ski Area.
- Dorena Genetics Resource Center is growing them as container stock.
- Collected 8 lbs. of cleaned Idaho fescue seed; now in production.

Restoration Projects:

- Planted 12,200 native plants at new Deschutes NF office building.
- Sowed 40 lbs. native grass seed for various projects on Bend/Ft. Rock.
- Seeded disturbed utility area with native grasses and forbs.
- Closed 1200 ft. of user-created roads through partnership with Wolfree and Gilchrist School. Students revegetated 100 ft. closed road with transplanted native plants, seeded with seed collected at site, mulched with duff & woody debris collected at site.
- Planted > 550 native shrubs & grasses for Friends of Forest Day, Sisters.



Figure 3. Gilchrist, Oregon students transplant native plants as part of road revegetation project.



Figure 1. Charmane Powers seeding disturbed utility area with native grasses and forbs.



Figure 2. Benson Farms produced 604 lbs. Idaho fescue per contract AND we purchased 1,051 lbs. additional surplus seed from this field.

Year Awarded: 2011

Expenditures: \$76,000 Total Funding

\$36,000 NFN3

\$20,000 NFTM

\$ 4,000 NFWF

\$11,000 NFVW

\$ 5,000 WFHF

Partners/Contractors/Coop: Deschutes Basin Native Seedbank, Benson Farms, Forest Service Coeur d'Alene Nursery, Dorena Genetic Resource Center; Upper Deschutes Watershed Council, Wolfree, Gilchrist School, National Forest Foundation, Trout Unlimited, Friends of the Metolius.

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