

# Umatilla National Forest

## FY07 Native Plant Material Accomplishments

**FY07 Native Plant funding was used for a variety of activities, services, and products, including seed collection, seed production, development of revegetation prescriptions, seed inventory management, consultations, and support services for regional restoration services contracts. Examples include:**

- Wildland seed/berry collection from multiple geographic areas and ecoregions in NE Oregon. Species collected include “workhorse” restoration species such as mountain alder, yarrow, redstem ceanothus, mock orange, blue elderberry, red osier dogwood, chokecherry, squirreltail, Sandberg’s bluegrass, and prairie junegrass. Niche species include bush penstemon, royal penstemon, little flower penstemon, bog birch, white sagebrush, and mondarella. Seed collections were also made throughout the Blue Mountains for upcoming seed zone studies of squirreltail and Sandberg’s bluegrass (B. St. Clair and R. Johnson, USFS PNWRs).
- Hardwood cutting collections for fire rehabilitation projects. Species include black currant, willow spp., black cottonwood, red osier dogwood. Cuttings from high elevation sources of black cottonwood were also collected for establishment in the R6 Clarno Hardwood Propagation facility (Clarno, OR).
- Under a new 5-year R6 agreement with NRCS Plant Material Center (Corvallis, OR), 0.1 acre fields were established for each of six forb species showing great promise for revegetation of disturbed and weedy sites. Species include: *Mondardella odoratissima*, *Penstemon procerus*, *Penstemon fruiticosus*, *Trifolium eriocephalum*, *Erigeron heracleoides*, and *Helianthella uniflora*.
- Using the R6 Seed Production contract, task orders were issued to produce over 7500 pounds of seed from squirreltail, yarrow, mountain brome, blue wildrye, bluebunch wheatgrass, annual hairgrass, and Idaho fescue.
- Provided contract support services for regional seed collection and seed production contracts. Worked with Forests to develop task order specifications and assist in contract administration; maintained regional databases to track procurements and species and cost trends. Regionally, nearly 35,000 pounds of seed were ordered for production at a contract value of \$311,000 (avg. cost <\$9.00/pound).
- Developed seeding prescriptions and applied over 3000 pounds of native seed to revegetate disturbed sites. Projects involved mine site rehabilitation, post-fire restoration, road construction/obliteration, fish/wildlife habitat improvement, recreation site/trail revegetation, timber sale mitigation, and invasive plant management.



*Seed increase field of blue wildrye under private contract (above) and forb seed production trials with NRCS (below)*



*Post-fire restoration: 1 year after the unprecedented use of over 20,000 lbs of native seed on the 2005 School Fire (Pomeroy, WA).*

**Year Awarded:** 2007; **Project completion:** 2007; **Report number:** 1 of 1

**Expenditures:** \$30,000 NFN3, \$20,000 NFWF, \$7,000 NFWV, \$8,000 NFTM in addition to Title II and other external partner contributions. Funds were used to collect and propagate native plant materials for current and future revegetation projects, collect seed for common garden studies, and provide contract support services to R6 National Forests.

**Partners/Contractors/Coop:** Forest Service Nurseries (J. Herbert Stone, Lucky Peak, and Coeur d’Alene), private seed collectors and growers, NRCS, ARS, BLM, Fed. Hwy, and FS specialists.

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