

Evaluation of Native Forb and Grass Seed for Rehabilitation of Post-Fire Disturbed and Degraded Lands

2006 Accomplishments

This is the third year of a study of native forb and grass seed testing for use in a native plant materials program. In year 3, final data on field test plots and initial data on the first year grow-out of species seeded at a Lucky Peak FS nursery were taken. We determined that 2 years at the nursery are needed to obtain adequate seed production. The proposal did not reflect this, but funds contributed from the Deschutes NF as well as from the 2006 NFN funding were used to retain the plant material at Lucky Peak for 1 more year of grow-out and seed harvest. We did not anticipate this but feel it necessary to follow through to determine the growth and reproduction of new forb species being grown for seed in a nursery setting. This seed will be used for reseeding programs on the Sisters RD following salvage logging and for other high-priority areas. The 18 species evaluated in the 20 field plots in 2005 at the burn site (Eyerly fire 2000, Sisters RD, Deschutes NF) were revisited in late May 2006 and data collected. The data have been compiled, analyzed and a draft of the seed evaluation is close to completion for submittal to be published as a PNW GTR. Because it was not published in FY2006, but is expected to be published in early FY2007, some of the funds set aside for publication could not be obligated until the document goes to print. We hope those funds will be committed to this important and information-rich publication.



Blue bunch wheatgrass and woolly sunflower after 1st year grow-out at Lucky Peak Nursery, Boise, Idaho.

Year Awarded: **2006**

Project completion: **2007**

Report number: **3 of 3**

Expenditures:

- **FY06 funding \$20,000, (-\$2,000 overhead) expend. \$15,500; \$2,500 remaining.**

Partners/Contractors/Coop
**Deschutes NF, Lucky Peak Nursery,
OSU Seed Lab.**

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Blue flax and arrowleaf balsamroot seedlings in test plot, May 2006 seeded in Fall 2004.



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